

Title (en)
Diffusive sampling device

Title (de)
Diffusive Probenahmevorrichtung

Title (fr)
Dispositif d'échantillonnage de diffusion

Publication
EP 2733475 A1 20140521 (EN)

Application
EP 12192678 A 20121114

Priority
EP 12192678 A 20121114

Abstract (en)
A diffusive sampling device (1) comprises a porous hollow diffusion body (3) removably held on a support body (2), an adsorbent body (4) located inside said diffusion body (3), wherein the hollow diffusion body (3) has a cylindrically shaped wall with an upper section comprising a closed upper end and a distal lower section comprising an open lower end and wherein the diffusion body (3) is held on the support body (2) by means of one or more o-rings (7) fixed to its lower section, wherein the adsorbent body (4) is kept in a predetermined place inside the upper section of the diffusion body (3) by way of an elastic means, such as a spring (6). The use of such devices as well as a method for air sampling and monitoring.

IPC 8 full level
G01N 1/22 (2006.01)

CPC (source: EP US)
G01N 1/2214 (2013.01 - US); **G01N 1/2273** (2013.01 - EP US); **G01N 2001/2276** (2013.01 - EP US); **G01N 2001/2285** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2733475 A1 20140521; CN 104956200 A 20150930; CN 104956200 B 20181009; EP 2920570 A1 20150923; EP 2920570 B1 20170315; JP 2016502074 A 20160121; JP 6170170 B2 20170726; US 10024769 B2 20180717; US 2015300928 A1 20151022; WO 2014076153 A1 20140522

DOCDB simple family (application)
EP 12192678 A 20121114; CN 201380055534 A 20131113; EP 13792334 A 20131113; EP 2013073765 W 20131113; JP 2015541192 A 20131113; US 201314442809 A 20131113